

1/16

Johnson Limit between fT and BVceo

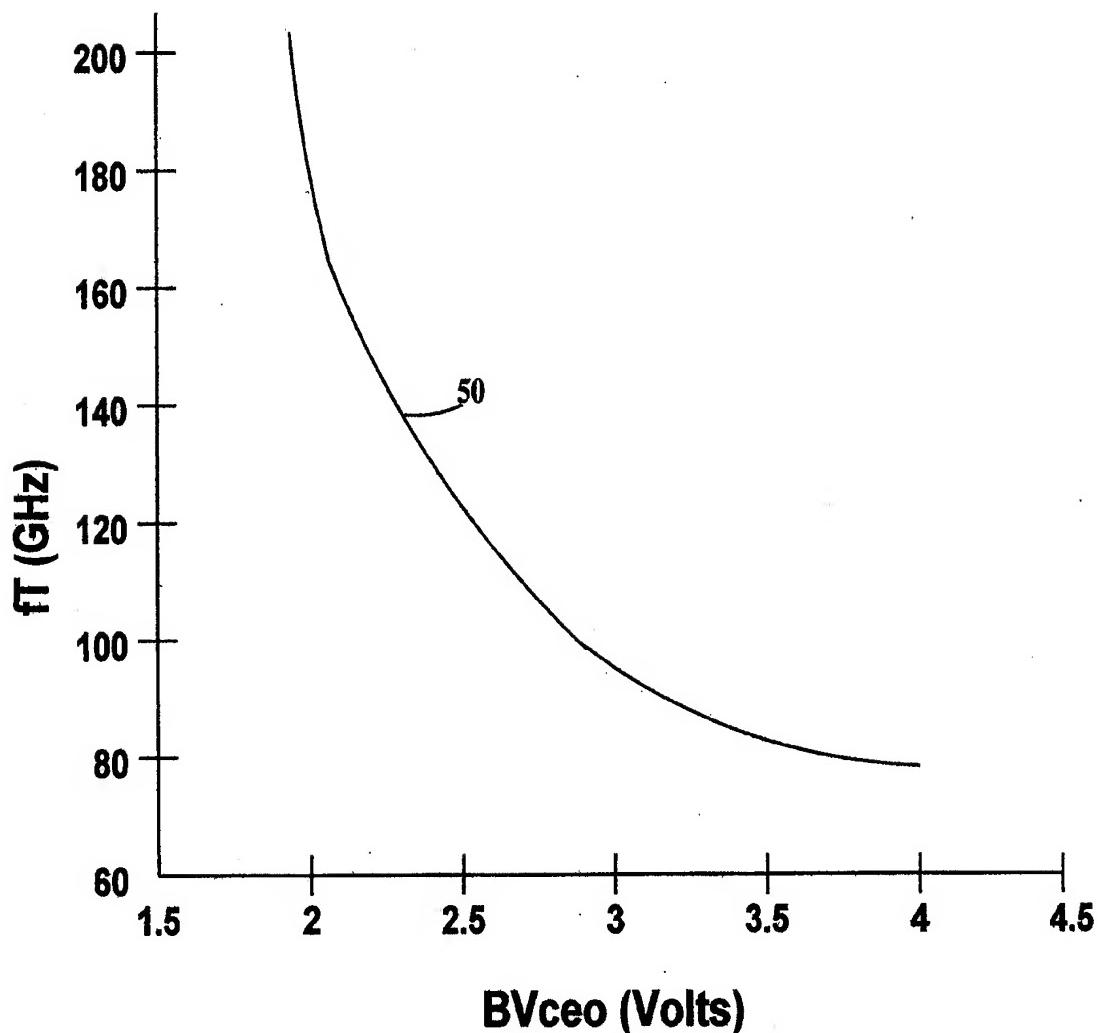


FIG. 1

2/16

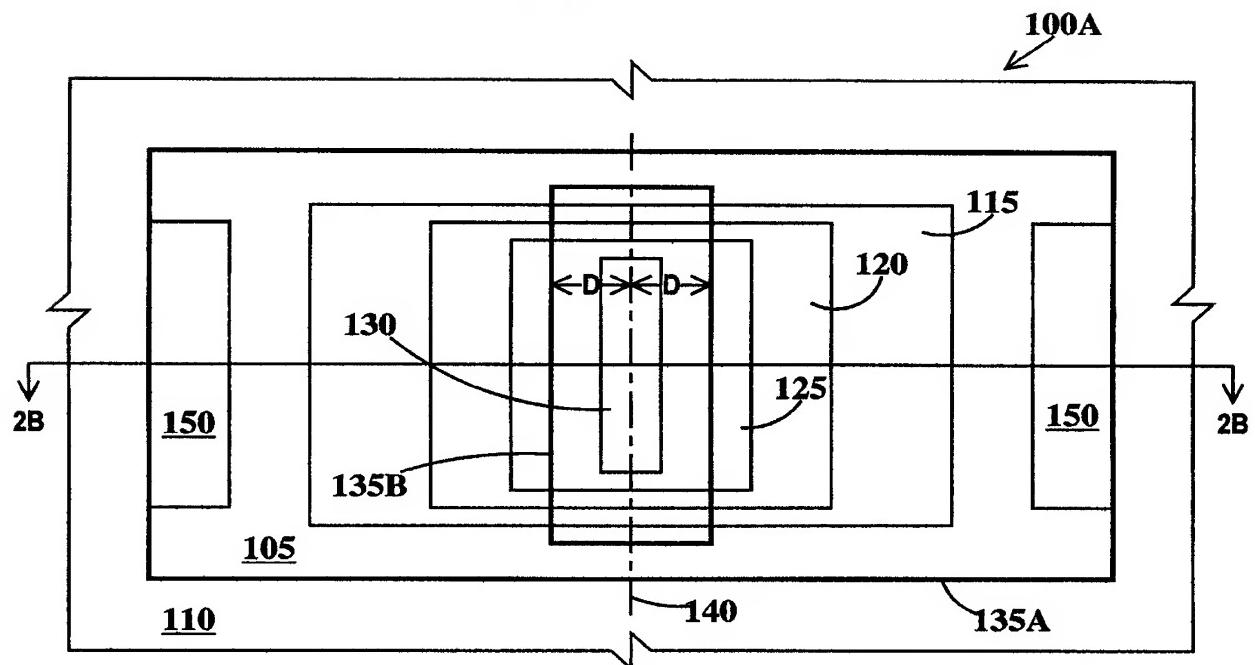


FIG. 2A

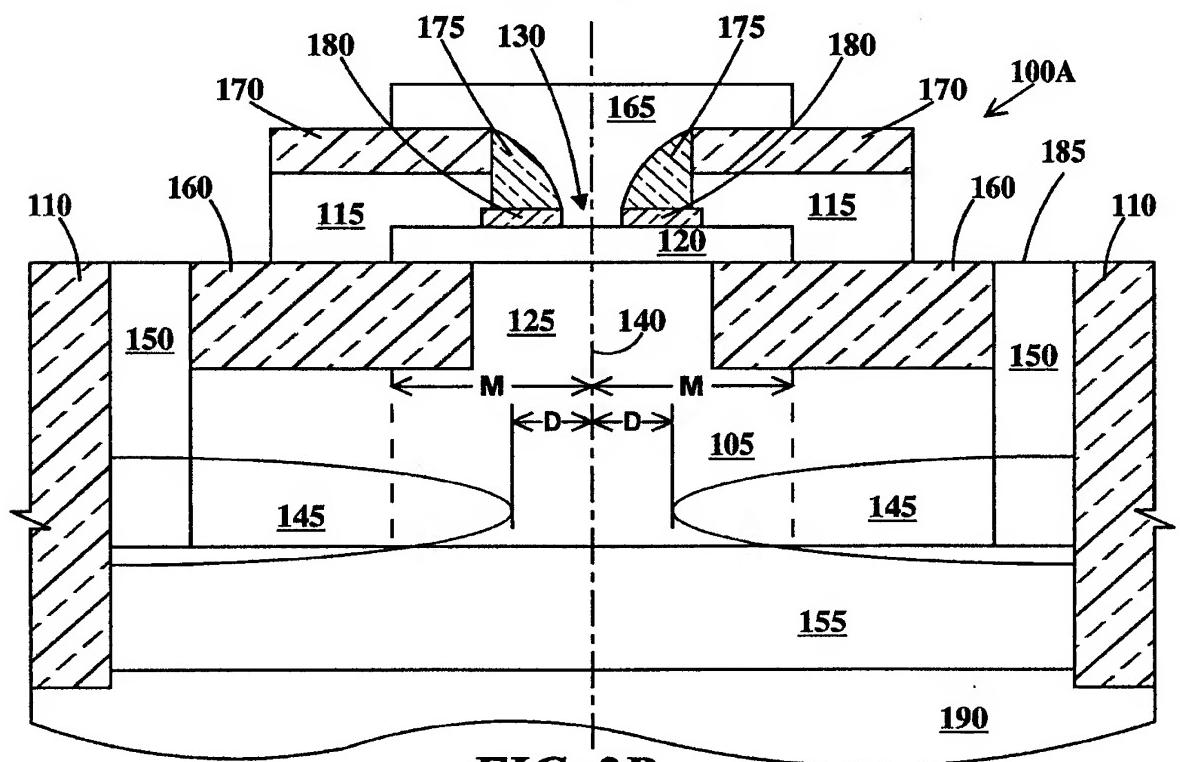


FIG. 2B

3/16

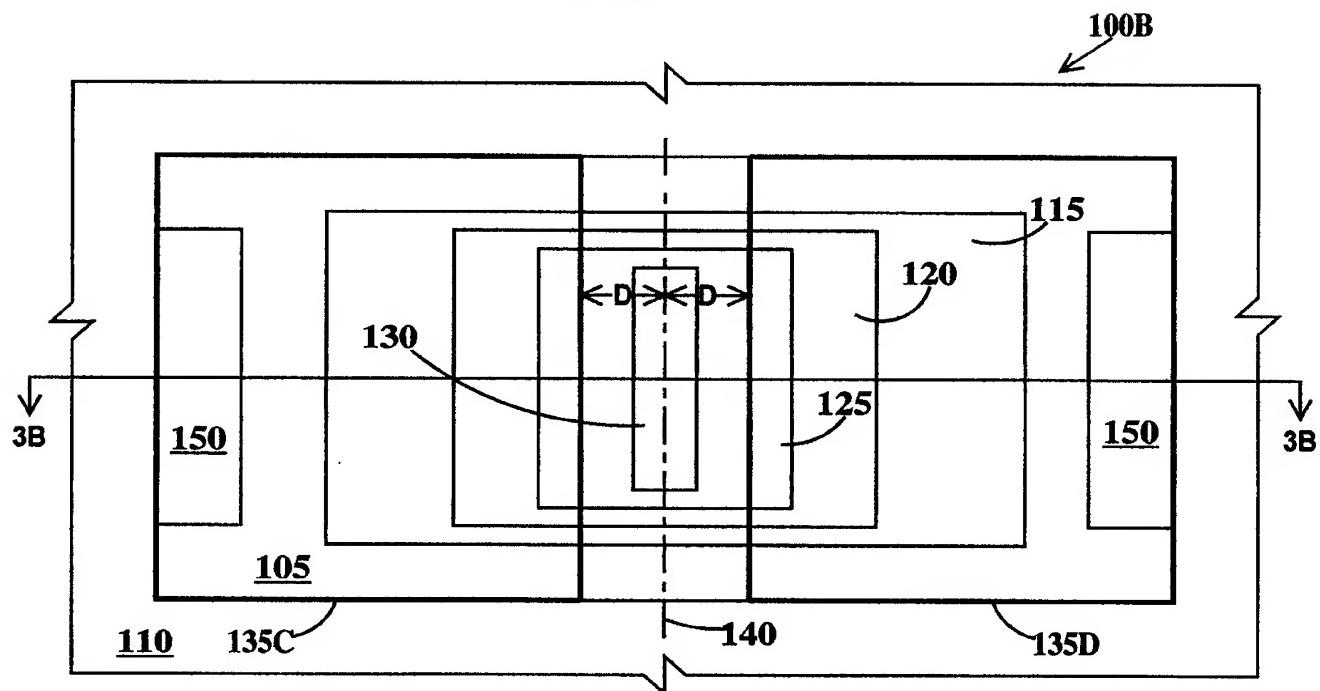


FIG. 3A

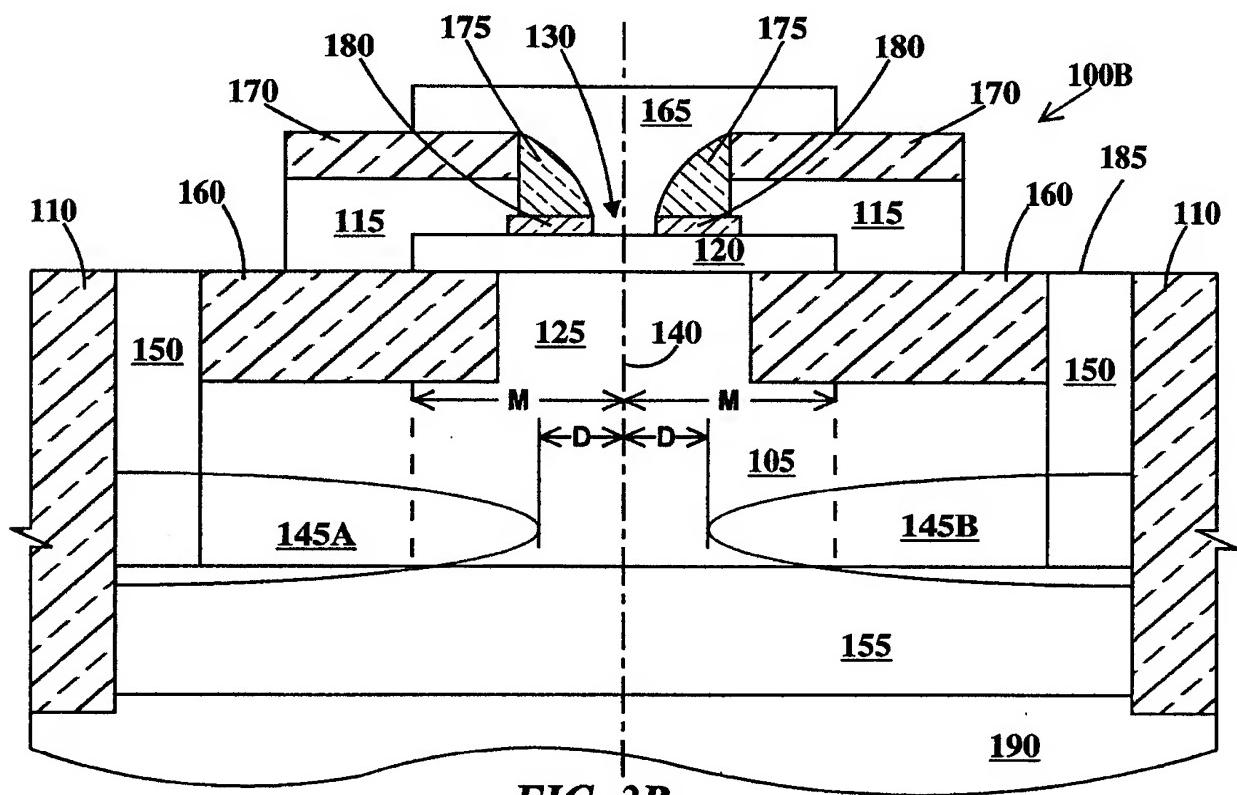


FIG. 3B

4/16

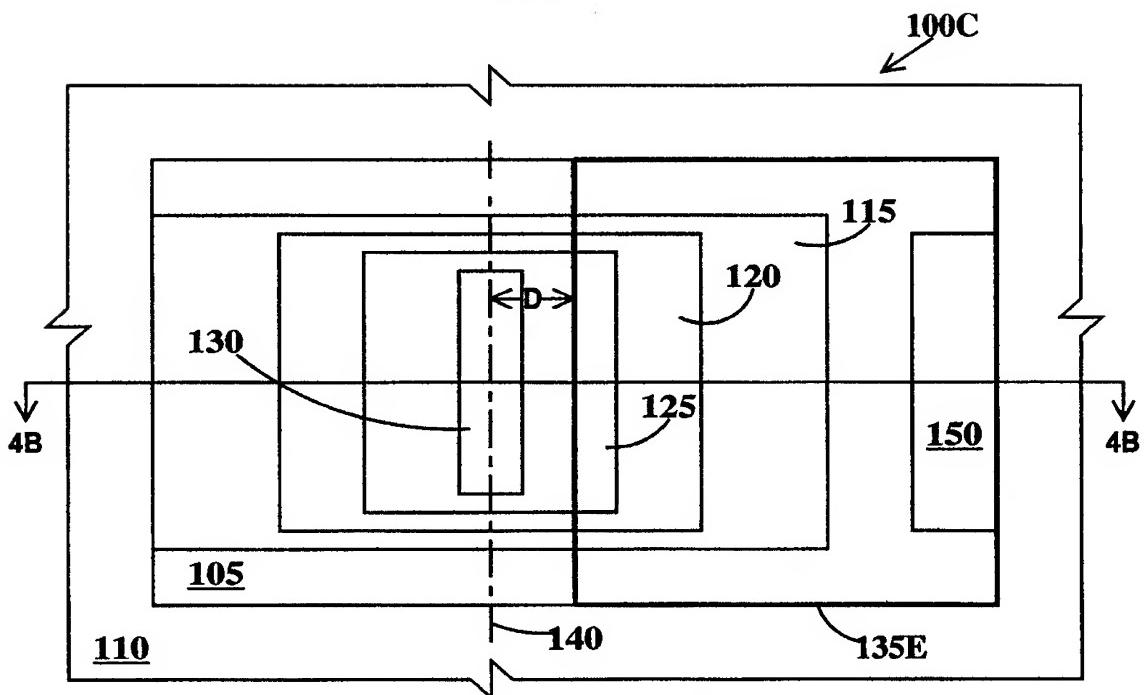


FIG. 4A

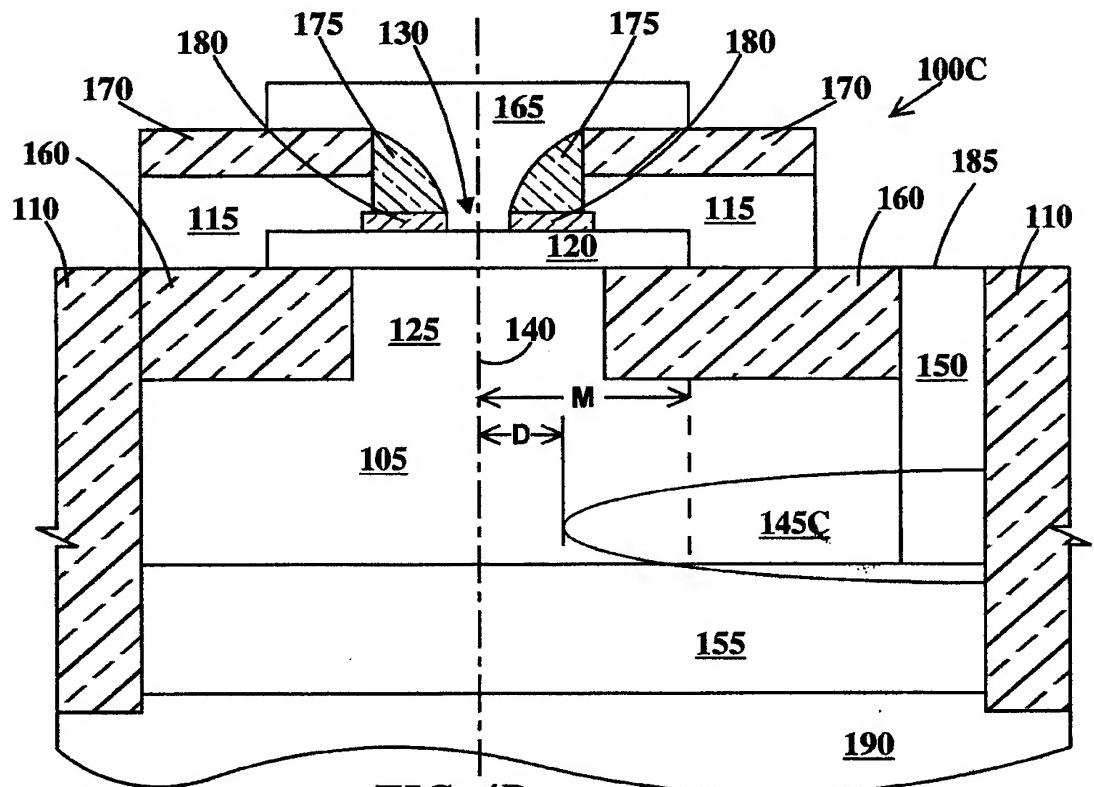


FIG. 4B

5/16

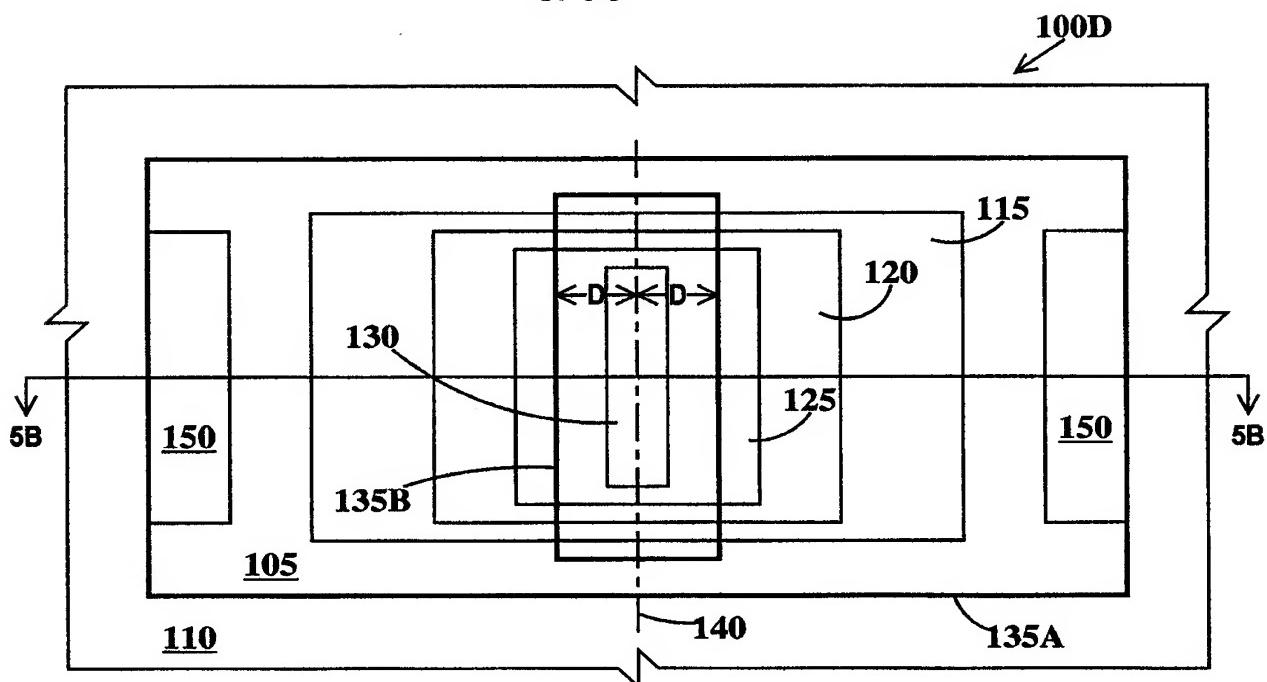


FIG. 5A

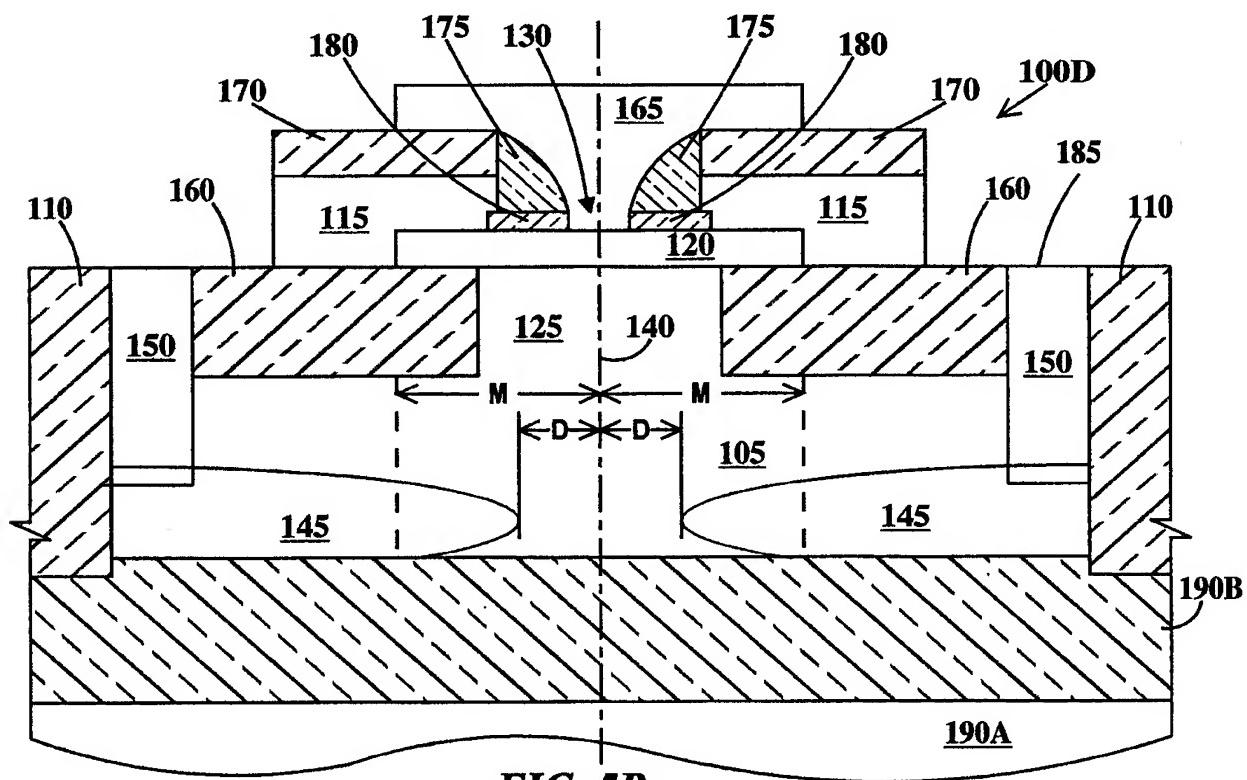


FIG. 5B

6/16

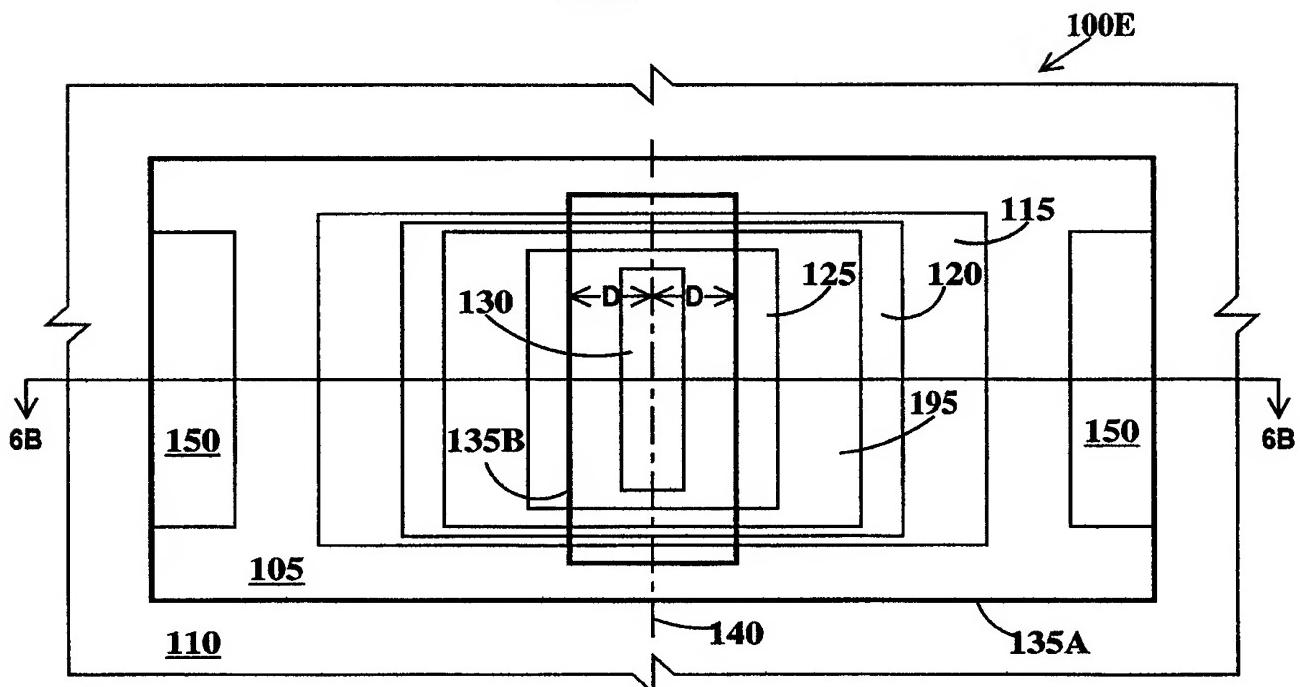


FIG. 6A

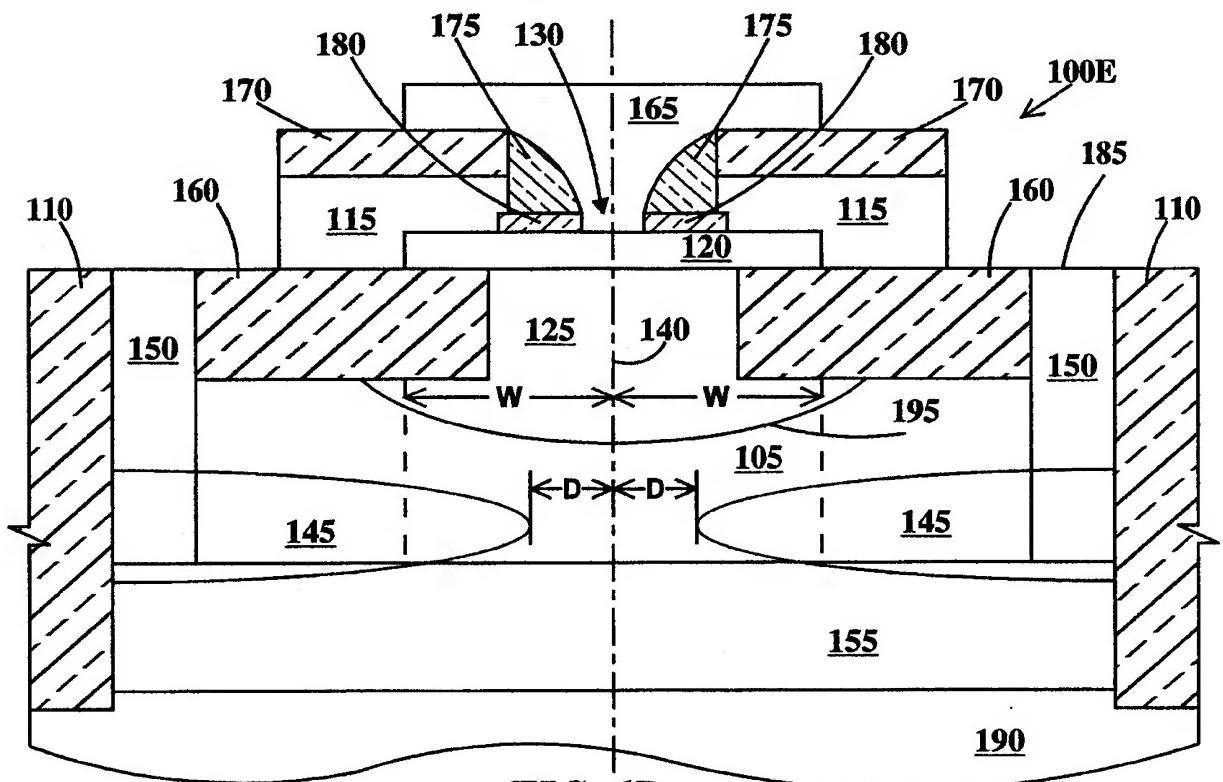


FIG. 6B

7/16

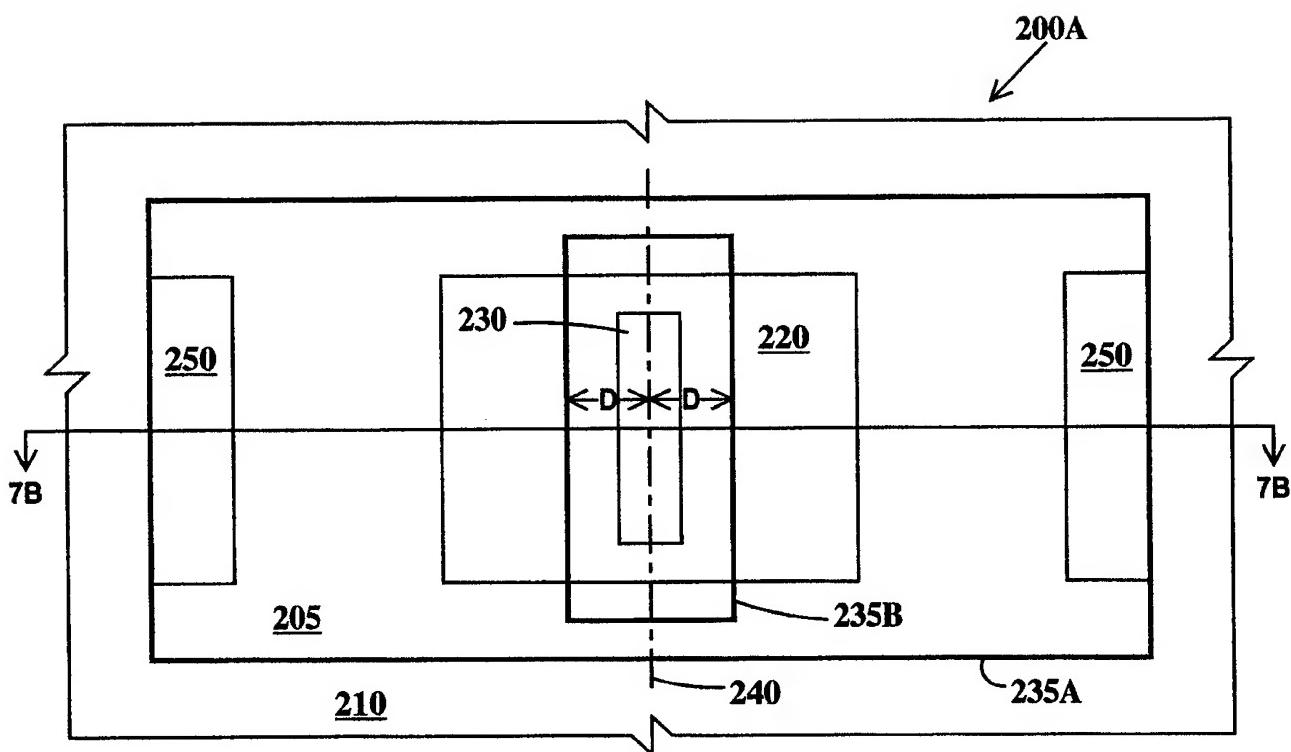


FIG. 7A

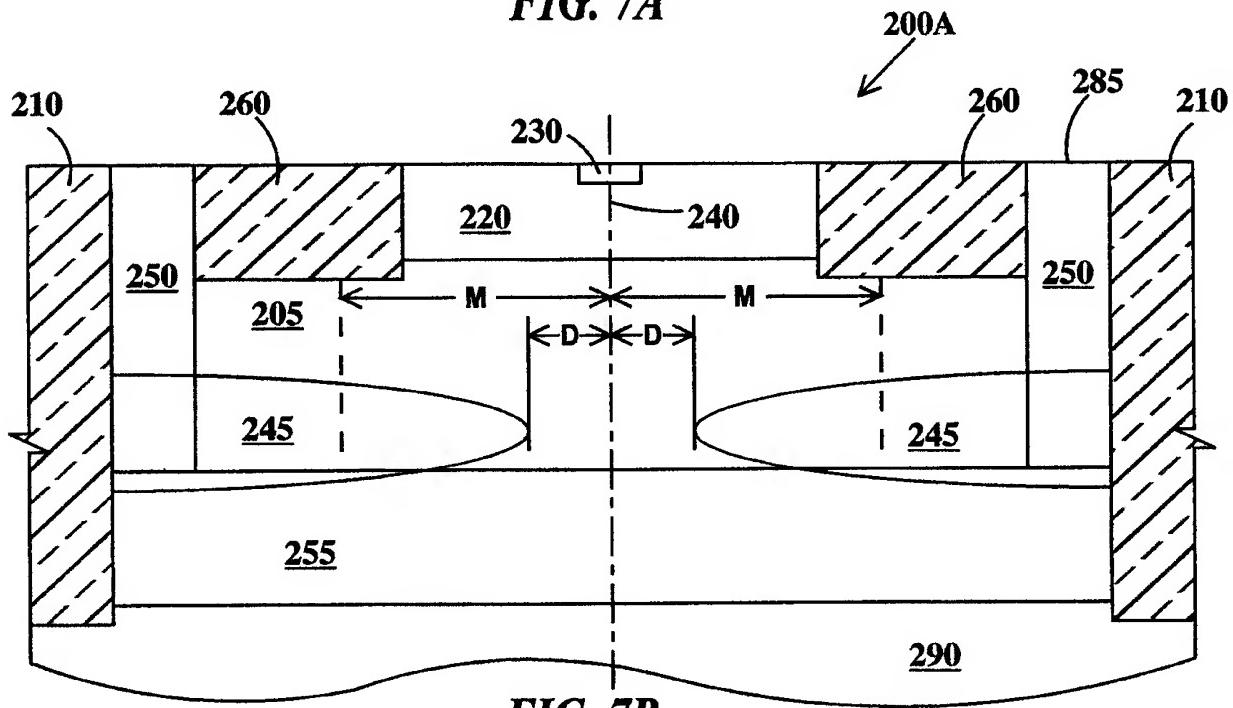


FIG. 7B

8/16

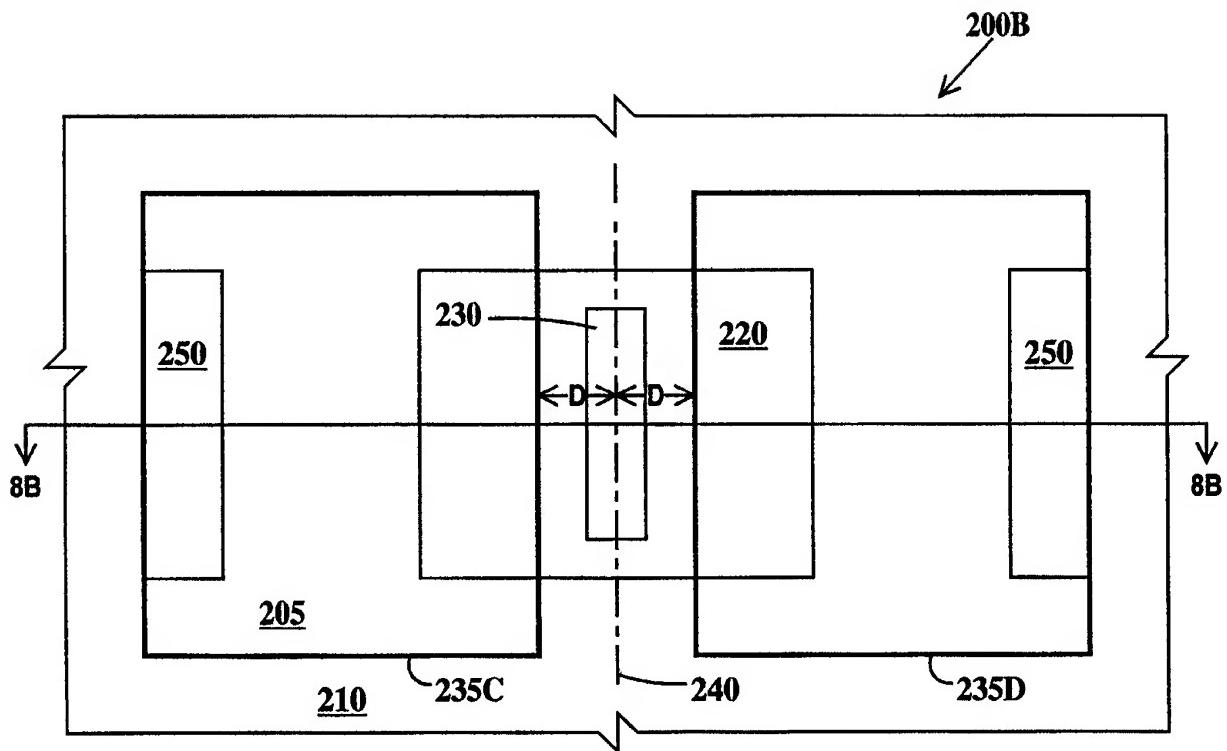


FIG. 8A

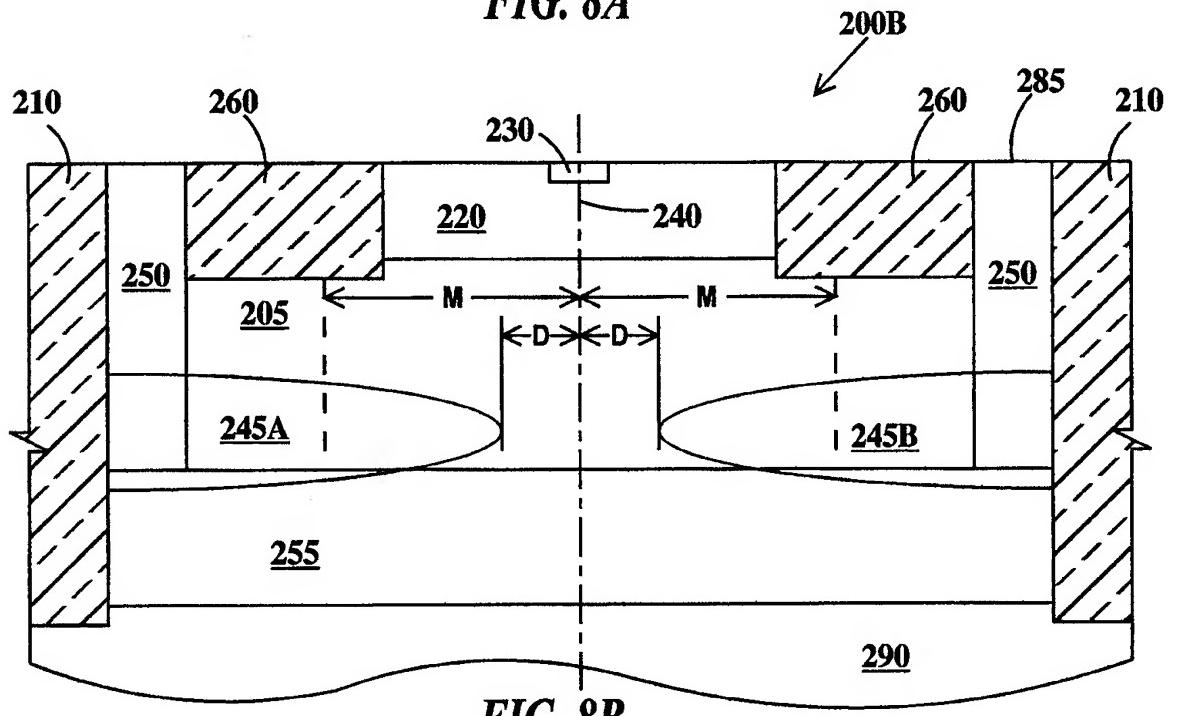


FIG. 8B

9/16

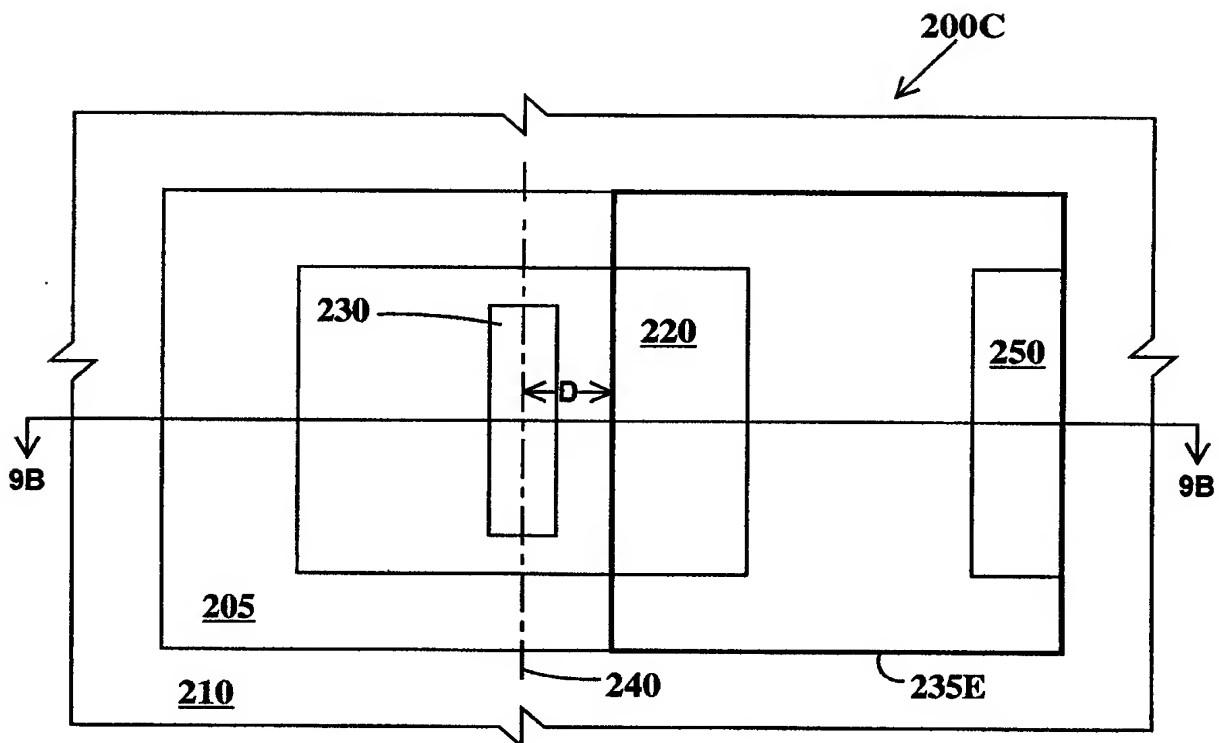


FIG. 9A

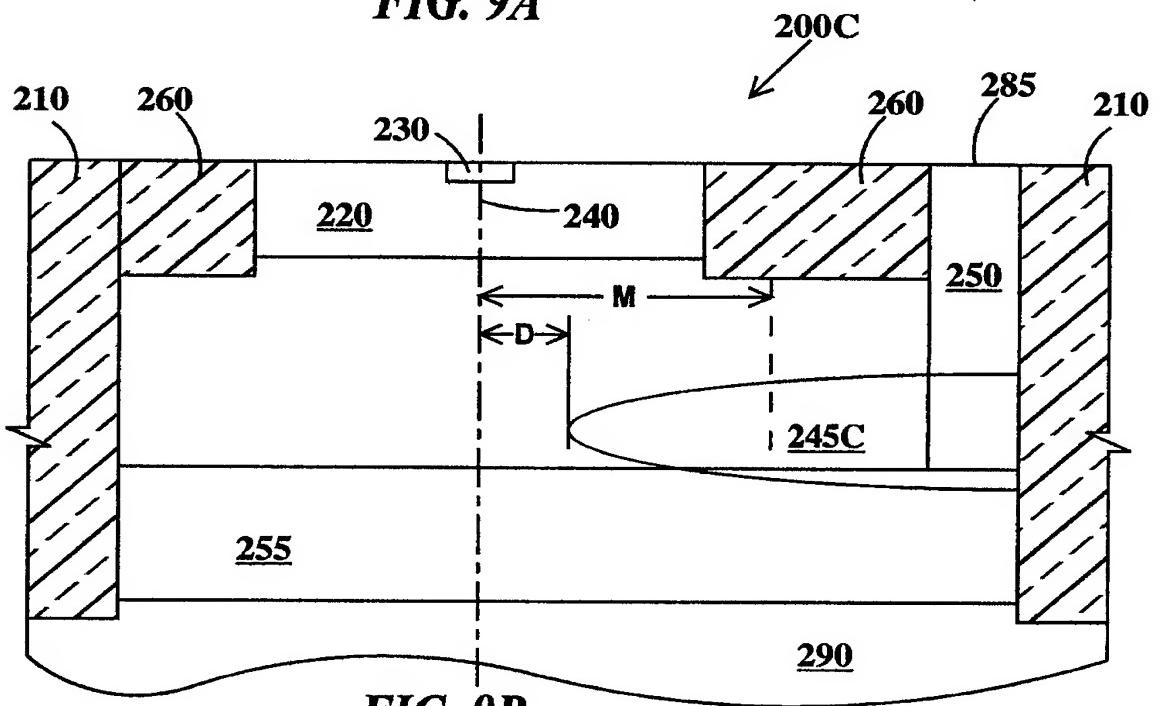


FIG. 9B

10/16

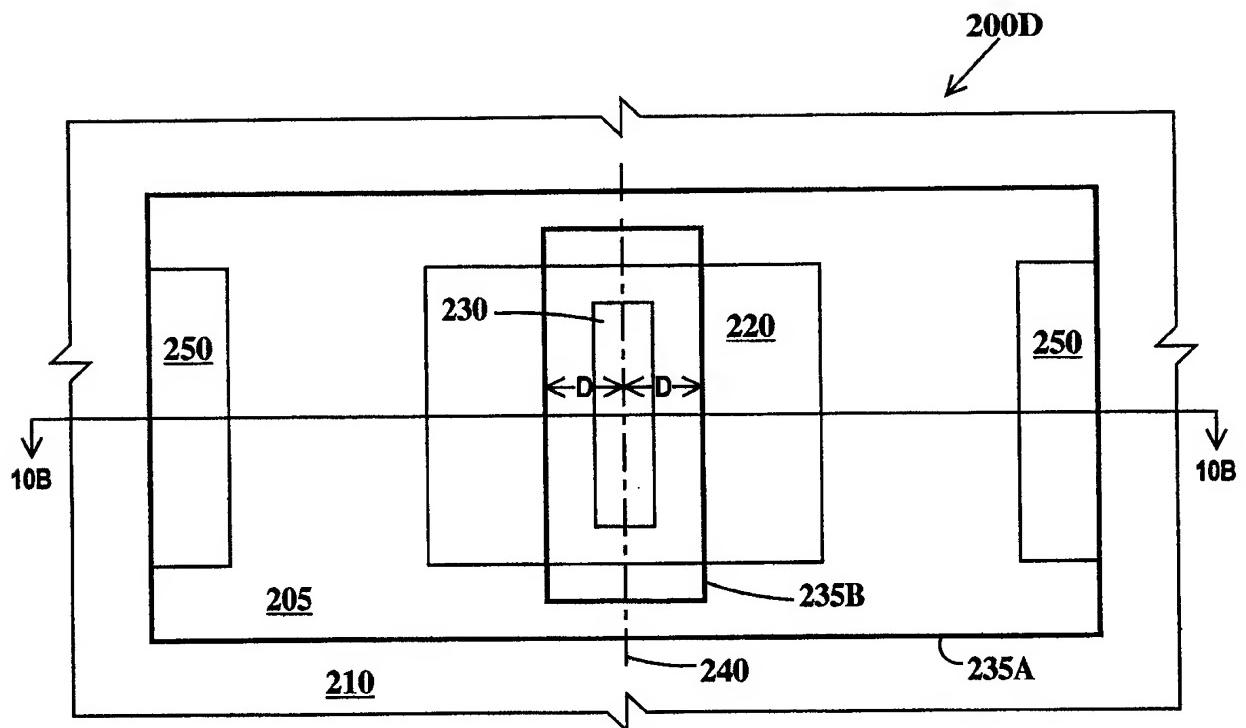


FIG. 10A

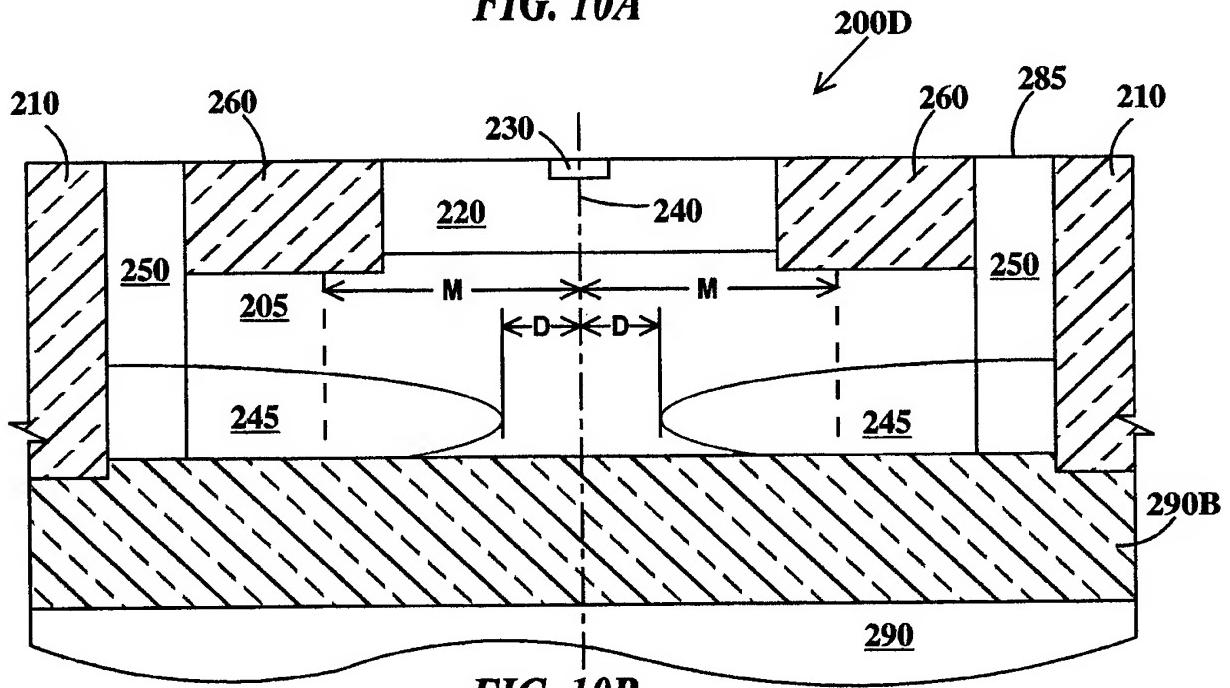


FIG. 10B

11/16

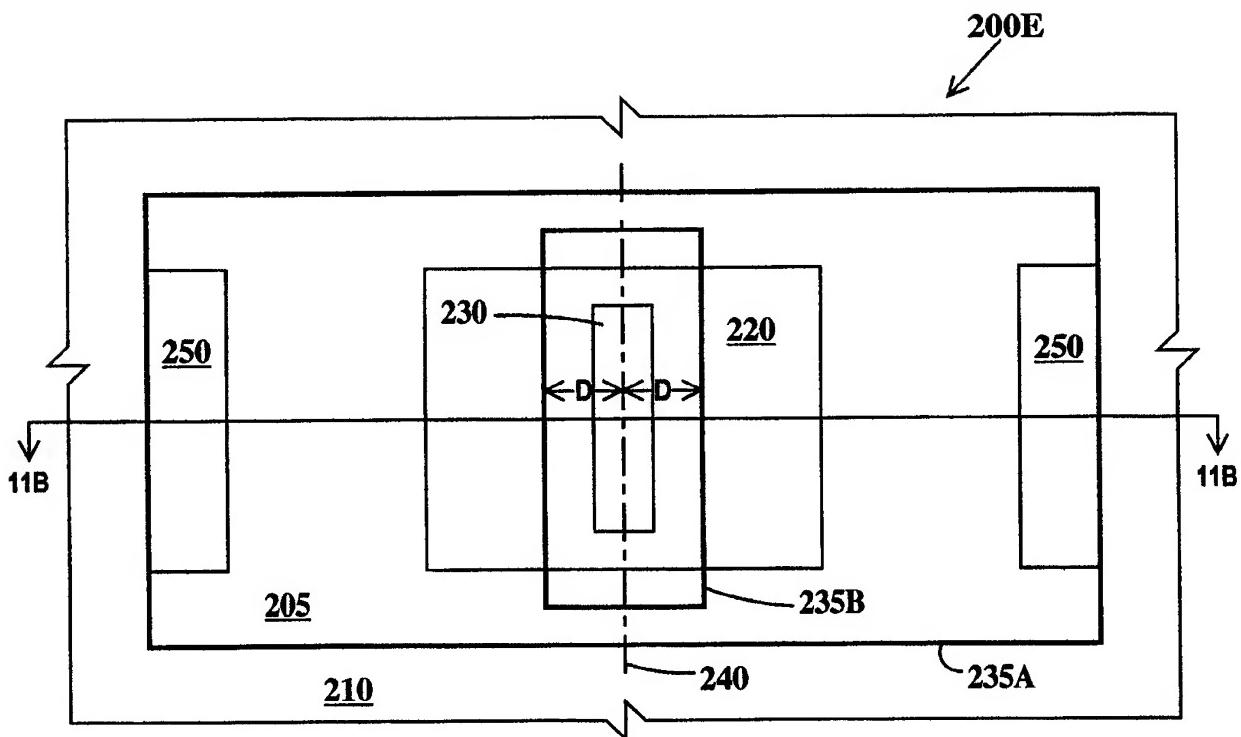


FIG. 11A

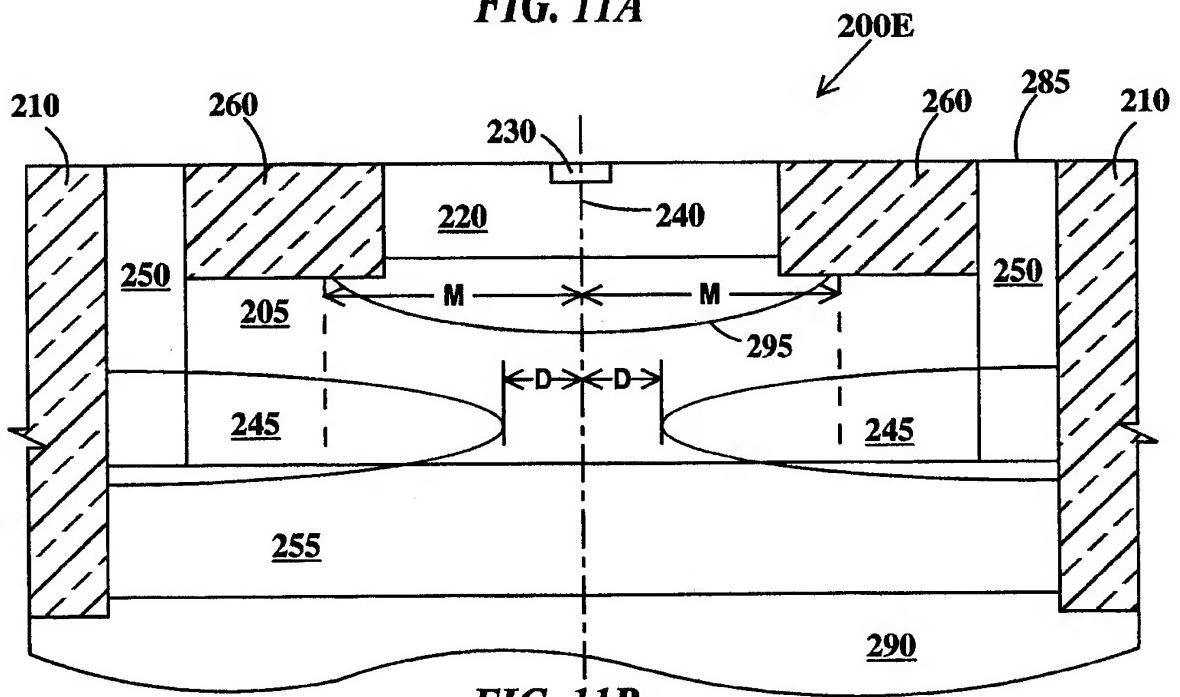
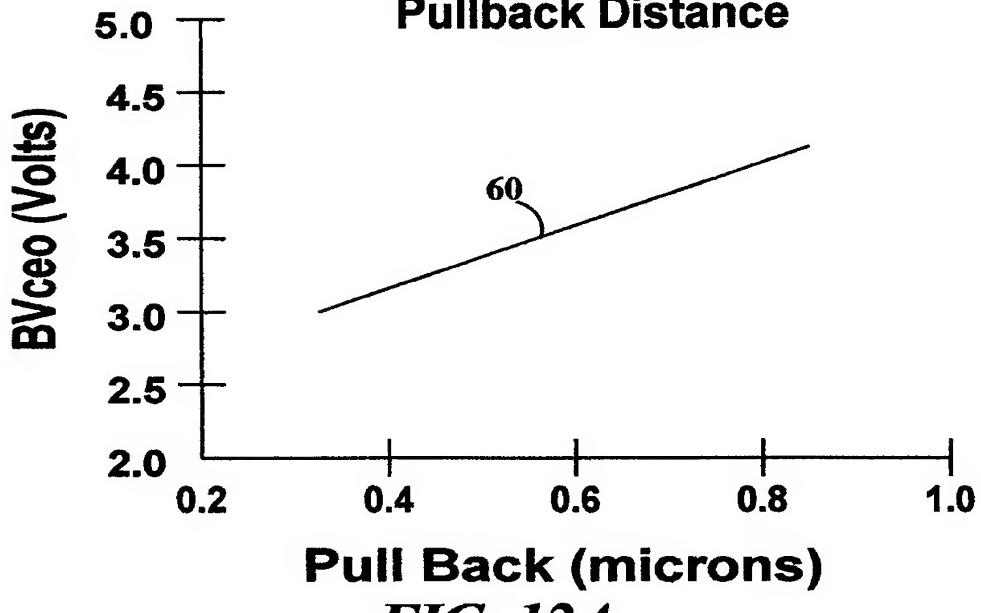
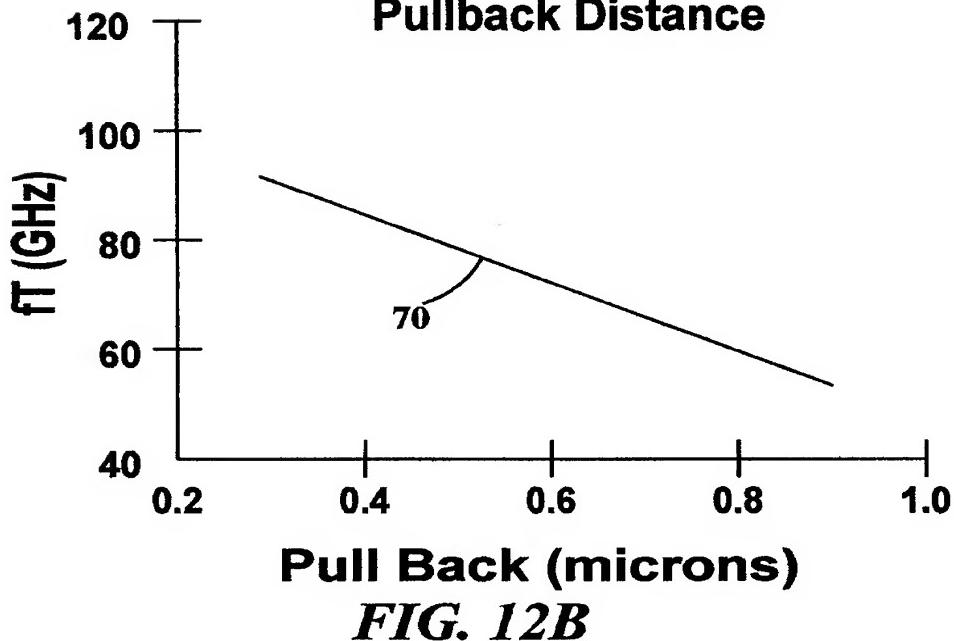


FIG. 11B

12/16

**BV_{ceo} vs. Masked Subcollector
Pullback Distance****Pull Back (microns)****FIG. 12A****f_T vs. Masked Subcollector
Pullback Distance****Pull Back (microns)****FIG. 12B**

13/16

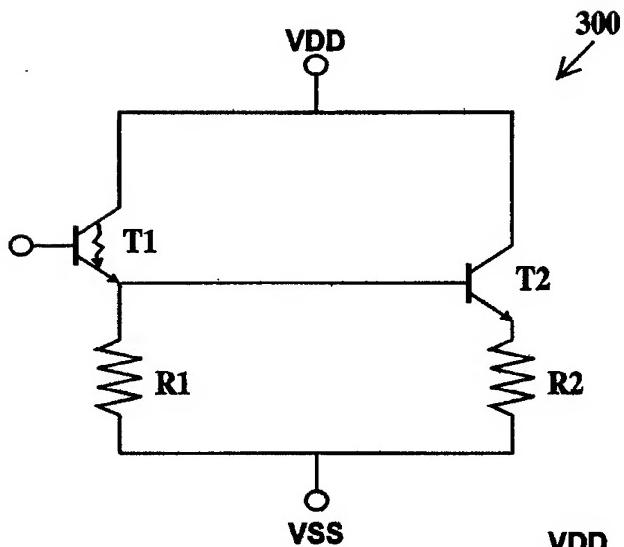


FIG. 13

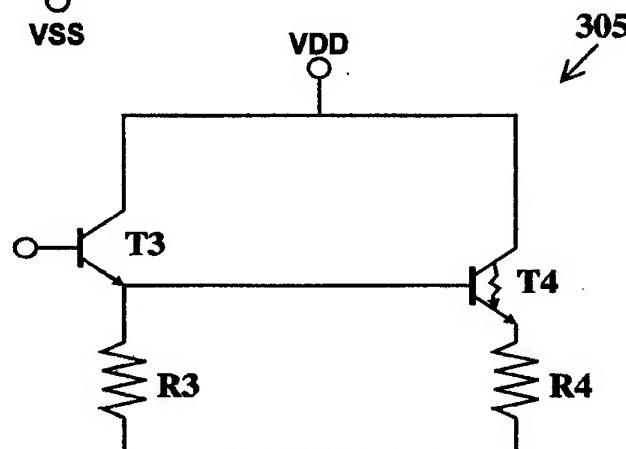


FIG. 14

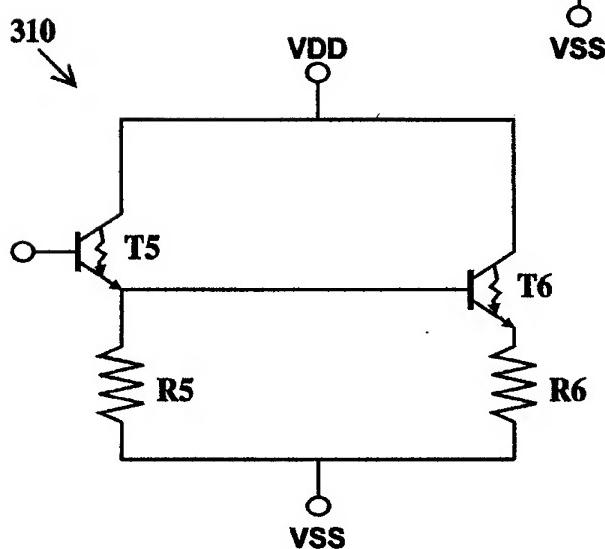
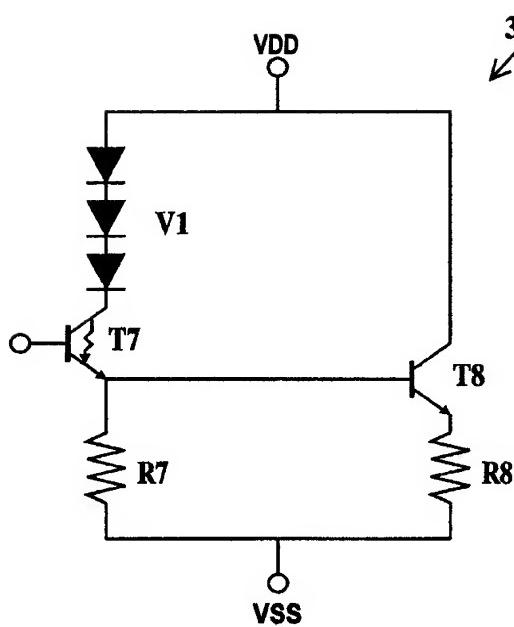
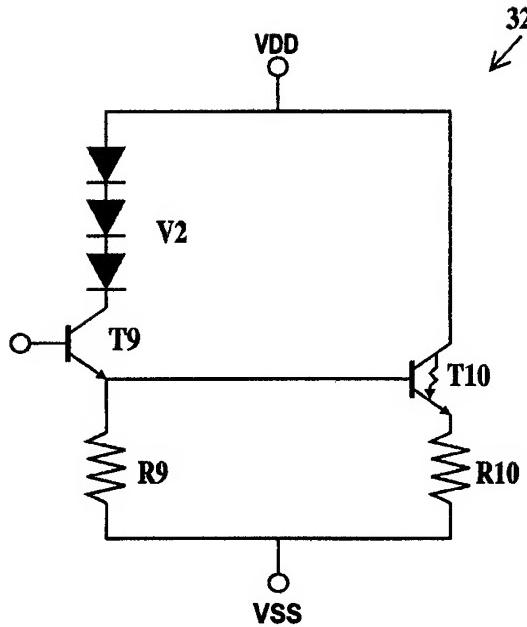
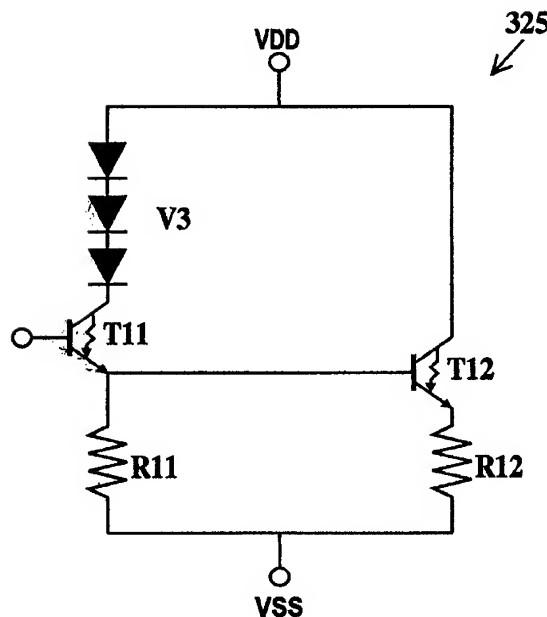
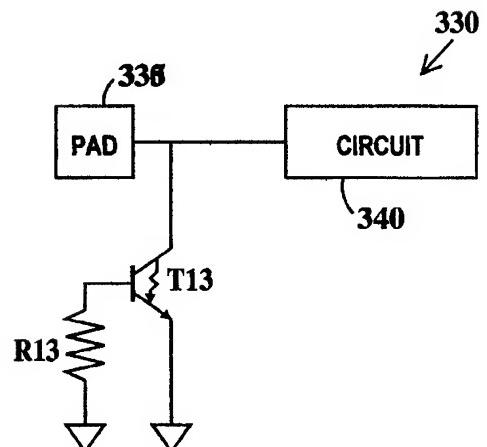


FIG. 15

14/16

**FIG. 16****FIG. 17****FIG. 18****FIG. 19**

15/16

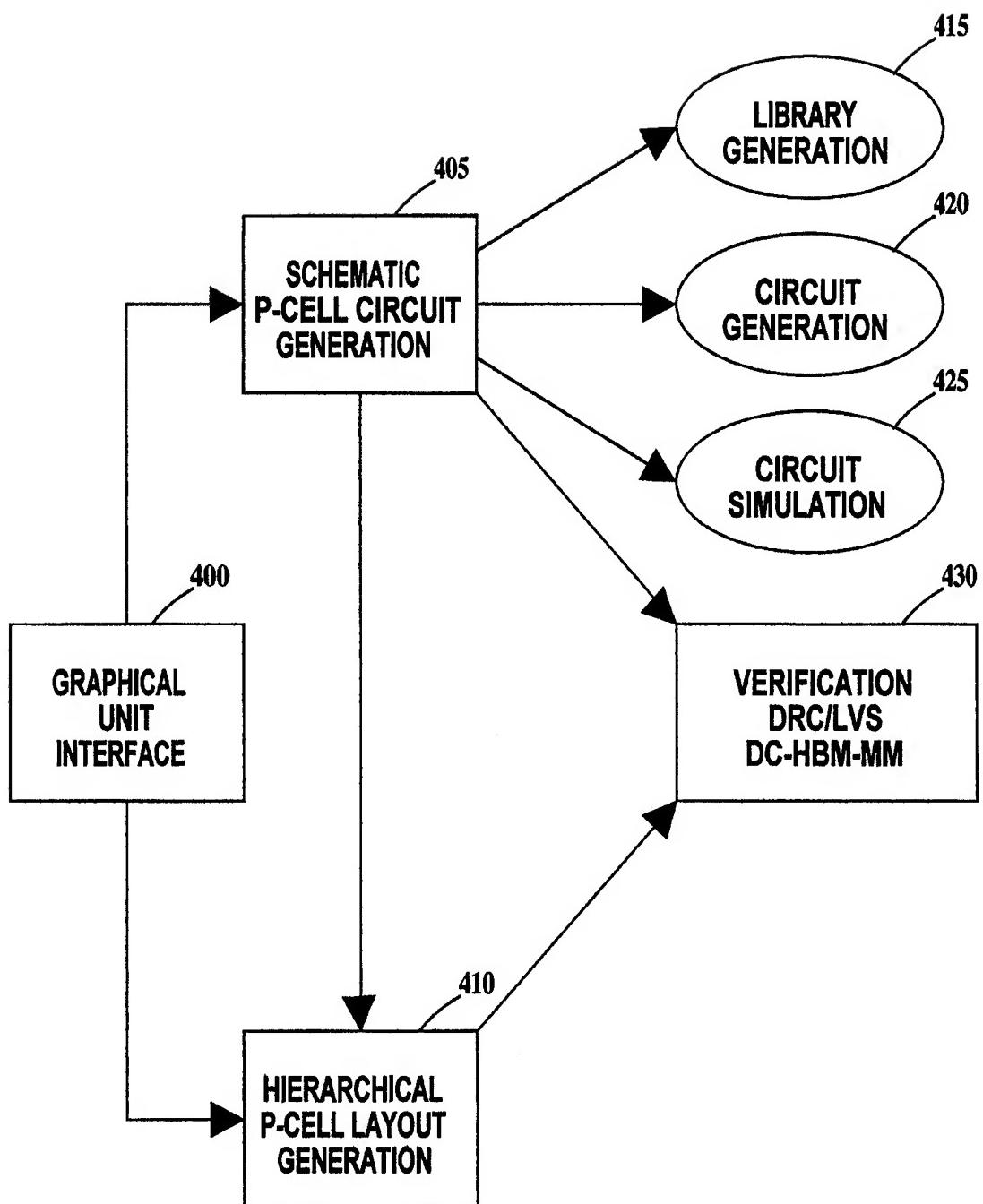


FIG. 20

16/16

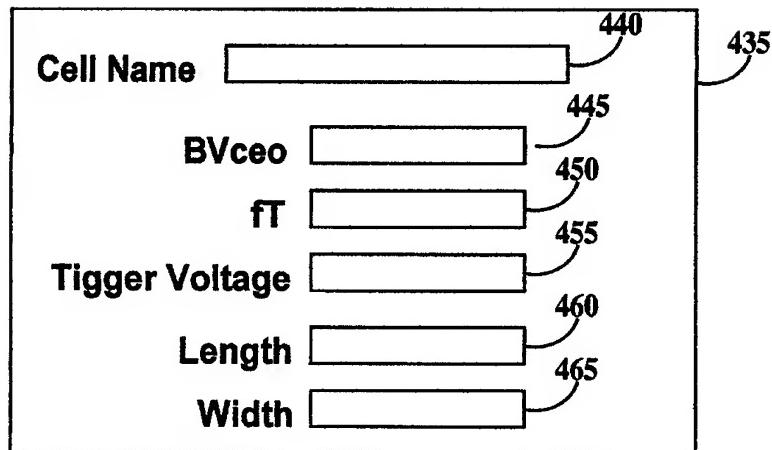


FIG. 21

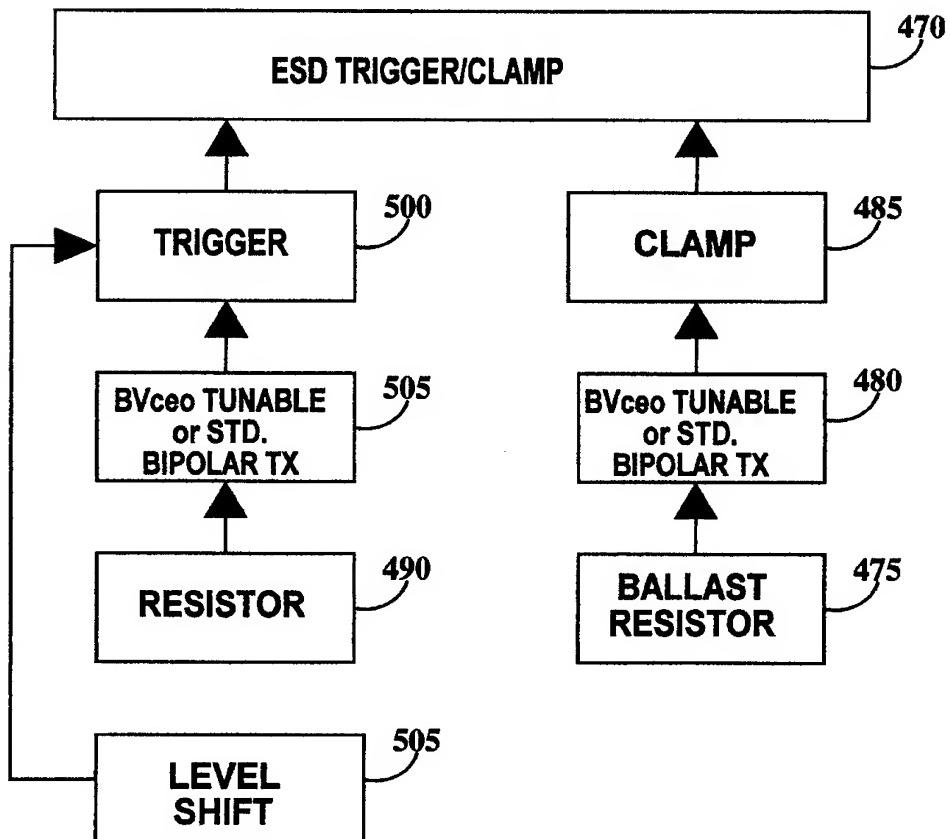


FIG. 22